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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY USSR

SUBJECT The '1944 Type Carbine' Now Being Used by the Soviet Rifle Units/Technical Data

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THIS IS UNEVALUATED INFORMATION

1. "The 'carbine of the 1944 type' is at present being introduced to the Soviet rifle units instead of the 'rifle of the 1891/30 type'. The technical data of the 'carbine of the 1944 type' have changed considerably in 1953 and 1954.

2. "The data of the above carbine of this year's manufacture /1954/ are:

Total weight with bayonet	3.9 kg
Total weight without bayonet	3.5 kg
Weight of bayonet	0.4 kg
Total length with bayonet	1,330 mm.
Total length without bayonet	1,020 mm.
Length of bayonet blade (from barrel face)	310 mm.
Length of barrel with cartridge holder	517 mm.
Length of grooved part of barrel	444 mm.
Number of grooves	4
Caliber of barrel channel	7.62 mm.
Length of sight line	416 mm.
Height of front sight over axis of barrel channel	23.1 mm.
Initial velocity of bullet	820 m/sec.
The carbine uses 'light bullets'.	
Weight of bullet with brass case	22-24 gr.
Weight of charge	3.25 gr.
Weight of bullet	9.6 gr.

3. "As an innovation 'cartridges with an iron case' have been adopted. The manufacturing of these cartridges is cheaper than that of the brass ones. The quality of the cartridges with an iron case equals that of cartridges with a brass case.

Weight of a cartridge with iron case	21-23 gr.
Weight of cartridge clip (5)	122-132 gr.
Rate of fire	up to 10 shots per minute
Maximum distance of shot	up to 3,000 m.
Sighting distance of shot	up to 2,000 m.
Practical battle distance	up to 800 m.
Sighting from 100 m - 2,000 m."	

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